

Amendments to the Abstract:

ABSTRACT

SIGNAL SAMPLE ACQUISITION TECHNIQUES

A ~~S~~ample acquisition apparatus for sampling first and second signals within a signal processing arrangement, ~~said apparatus comprising~~includes a sampler for capturing sections of the waveforms of both the first and second signals, a switch for alternating correction of the sampler to a point in the arrangement where ~~said~~ first signal can be sampled and a point in ~~said~~ arrangement where ~~said~~ second signal can be sampled, and a timer for timing the operation of the switch to cause~~s~~ the sampler to capture a first waveform section of ~~said~~the first signal and a second waveform section of ~~said~~the second signal, wherein ~~said~~the second signal is responsive to ~~said~~the first signal and the timing of ~~said~~the switch is such that ~~said~~the second section ~~comprises~~includes a portion that has been generated in response to ~~said~~the first section.